



## DEPARTMENT OF THE AIR FORCE

28TH MEDICAL GROUP (ACC)  
ELLSWORTH AIR FORCE BASE, SOUTH DAKOTA

3 February 2015

### MEMORANDUM FOR RECORD

FROM: 28 MDOS/SGOJ

SUBJECT: July 2014 Compliance Water Monitoring Results

1. During the month of July 2014, Bioenvironmental Engineering (BE) collected 9 samples from state approved sites and 2 additional samples. Sampling is performed each month based on monitoring frequency requirements outlined in AFI 48-144, *Drinking Water Surveillance Program*, Para 4.1., and South Dakota Department of Environmental and Natural Resources (SD DENR) guidance. Below is a summary of samples collected in the month of July.

Site	Chlorine	pH	Bacteriological	Fecal
Bldg. 923, Pump House	0.2	7.4	Absent	Absent
Det 21, Belle Fourche	0.4	7.2	Absent	Absent
Bldg. 8210, CE	0.7	7.4	Absent	Absent
Bldg. 7501, Base Ops	0.1	7.3	Absent	Absent
Bldg. 2106, Bandit Inn	0.3	7.3	Absent	Absent
Bldg. 1011, Urinalysis	0.2	7.3	Absent	Absent
Bldg. 7235, Land Radio Management	0.7	7.5	Absent	Absent
Bldg. 104, Maple Drive	1.6	7.1	Absent	Absent
Bldg. 8003, CDC	0.2	7.4	Absent	Absent
Bldg. 88240, MUNS Armament	0.8	7.1	Absent	Absent
Bldg. 7712, Youth Center	0.3	7.2	Absent	Absent

2. Drinking water standards set by the Environmental Protection Agency (EPA) and SD DENR, prescribe acceptable levels of chlorine and pH within a water system. Chlorine residual is maintained between 0.1-2.0 mg/L and pH at levels between 6.5 and 8.5.

3. All samples are in compliance with EPA and state standards. Please contact BE at 385-3172 with any questions.

AMY L. SHARPE, MSgt, USAF  
Bioenvironmental Engineering Flight Chief